

#9

## RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.

Application Serial Number: 101509401  
Source: PCT  
Date Processed by STIC: 5/19/15

# ***ENTERED***



PCT

## RAW SEQUENCE LISTING

DATE: 05/19/2005

PATENT APPLICATION: US/10/509,401

TIME: 10:05:09

Input Set : A:\10509401.txt

Output Set: N:\CRF4\05182005\J509401.raw

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3 <110> APPLICANT: QVIST, Magnus
5 <120> TITLE OF INVENTION: METHOD FOR ATTACHING TWO SURFACES TO EACH OTHER USING A
6 BIOADHESIVE POLYPHENOLIC PROTEIN AND PERIODATE IONS
8 <130> FILE REFERENCE: 77147
10 <140> CURRENT APPLICATION NUMBER: 10/509,401
C--> 11 <141> CURRENT FILING DATE: 2004-09-24
13 <150> PRIOR APPLICATION NUMBER: PCT/SE03/00492
14 <151> PRIOR FILING DATE: 2003-03-25
16 <150> PRIOR APPLICATION NUMBER: US 60/374,129
17 <151> PRIOR FILING DATE: 2002-04-22
19 <150> PRIOR APPLICATION NUMBER: SE 0200924-9
20 <151> PRIOR FILING DATE: 2002-03-26
22 <160> NUMBER OF SEQ ID NOS: 11
24 <170> SOFTWARE: PatentIn version 3.2
26 <210> SEQ ID NO: 1
27 <211> LENGTH: 9
28 <212> TYPE: PRT
29 <213> ORGANISM: Artificial
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32 <223> OTHER INFORMATION: protein subsequence
35 <220> FEATURE:
36 <221> NAME/KEY: MISC_FEATURE
37 <222> LOCATION: (4)..(4)
38 <223> OTHER INFORMATION: DOPA
40 <220> FEATURE:
41 <221> NAME/KEY: MISC_FEATURE
42 <222> LOCATION: (6)..(6)
43 <223> OTHER INFORMATION: DOPA
45 <400> SEQUENCE: 1
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48 1 5
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53 <212> TYPE: PRT
54 <213> ORGANISM: Artificial
56 <220> FEATURE:
57 <223> OTHER INFORMATION: protein subsequence
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62 <222> LOCATION: (6)..(6)
63 <223> OTHER INFORMATION: diHyp
65 <220> FEATURE:
66 <221> NAME/KEY: MISC_FEATURE

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68 <223> OTHER INFORMATION: Hyp
70 <220> FEATURE:
71 <221> NAME/KEY: MISC_FEATURE
72 <222> LOCATION: (9)..(9)
73 <223> OTHER INFORMATION: DOPA
75 <400> SEQUENCE: 2
W--> 77 Ala Lys Pro Ser Tyr Xaa Xaa Thr Xaa Lys
      78 1          5          10
81 <210> SEQ ID NO: 3
82 <211> LENGTH: 8
83 <212> TYPE: PRT
84 <213> ORGANISM: Artificial
86 <220> FEATURE:
87 <223> OTHER INFORMATION: protein subsequence
90 <220> FEATURE:
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92 <222> LOCATION: (3)..(3)
93 <223> OTHER INFORMATION: DOPA
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96 <221> NAME/KEY: MISC_FEATURE
97 <222> LOCATION: (7)..(7)
98 <223> OTHER INFORMATION: DOPA
100 <400> SEQUENCE: 3
W--> 102 Thr Gly Xaa Gly Pro Gly Xaa Lys
      103 1          5
106 <210> SEQ ID NO: 4
107 <211> LENGTH: 7
108 <212> TYPE: PRT
109 <213> ORGANISM: Artificial
111 <220> FEATURE:
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116 <221> NAME/KEY: MISC_FEATURE
117 <222> LOCATION: (3)..(3)
118 <223> OTHER INFORMATION: DOPA
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      123 1          5
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128 <212> TYPE: PRT
129 <213> ORGANISM: Artificial
131 <220> FEATURE:
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135 <220> FEATURE:
136 <221> NAME/KEY: MISC_FEATURE
137 <222> LOCATION: (3)..(3)
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Input Set : A:\10509401.txt

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148 <212> TYPE: PRT
149 <213> ORGANISM: Artificial
151 <220> FEATURE:
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156 <221> NAME/KEY: MISC_FEATURE
157 <222> LOCATION: (6)..(6)
158 <223> OTHER INFORMATION: DOPA
160 <220> FEATURE:
161 <221> NAME/KEY: MISC_FEATURE
162 <222> LOCATION: (10)..(10)
163 <223> OTHER INFORMATION: DOPA
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W--> 167 Gly Lys Pro Ser Pro Xaa Asp Pro Gly Xaa Lys
168 1 5 10
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172 <211> LENGTH: 3
173 <212> TYPE: PRT
174 <213> ORGANISM: Artificial
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182 <222> LOCATION: (2)..(2)
183 <223> OTHER INFORMATION: DOPA
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W--> 187 Gly Xaa Lys
188 1
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193 <212> TYPE: PRT
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200 <220> FEATURE:
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202 <222> LOCATION: (3)..(3)
203 <223> OTHER INFORMATION: DOPA
205 <220> FEATURE:
206 <221> NAME/KEY: MISC_FEATURE
207 <222> LOCATION: (7)..(7)
208 <223> OTHER INFORMATION: DOPA
210 <400> SEQUENCE: 8
W--> 212 Thr Gly Xaa Ser Ala Gly Xaa Lys

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TIME: 10:05:09

Input Set : A:\10509401.txt

Output Set: N:\CRF4\05182005\J509401.raw

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 221 <220> FEATURE:  
 222 <223> OTHER INFORMATION: protein subsequence  
 225 <220> FEATURE:  
 226 <221> NAME/KEY: MISC\_FEATURE  
 227 <222> LOCATION: (4)..(4)  
 228 <223> OTHER INFORMATION: DOPA  
 230 <220> FEATURE:  
 231 <221> NAME/KEY: MISC\_FEATURE  
 232 <222> LOCATION: (8)..(8)  
 233 <223> OTHER INFORMATION: DOPA  
 235 <400> SEQUENCE: 9

W--&gt; 237 Gln Thr Gly Xaa Val Pro Gly Xaa Lys

238 1 5  
 241 <210> SEQ ID NO: 10  
 242 <211> LENGTH: 9  
 243 <212> TYPE: PRT  
 244 <213> ORGANISM: Artificial  
 246 <220> FEATURE:  
 247 <223> OTHER INFORMATION: protein subsequence  
 250 <220> FEATURE:  
 251 <221> NAME/KEY: MISC\_FEATURE  
 252 <222> LOCATION: (4)..(4)  
 253 <223> OTHER INFORMATION: DOPA  
 255 <400> SEQUENCE: 10

W--&gt; 257 Gln Thr Gly Xaa Asp Pro Gly Tyr Lys

258 1 5  
 261 <210> SEQ ID NO: 11  
 262 <211> LENGTH: 9  
 263 <212> TYPE: PRT  
 264 <213> ORGANISM: Artificial  
 266 <220> FEATURE:  
 267 <223> OTHER INFORMATION: protein subsequence  
 270 <220> FEATURE:  
 271 <221> NAME/KEY: MISC\_FEATURE  
 272 <222> LOCATION: (4)..(4)  
 273 <223> OTHER INFORMATION: DOPA  
 275 <220> FEATURE:  
 276 <221> NAME/KEY: MISC\_FEATURE  
 277 <222> LOCATION: (8)..(8)  
 278 <223> OTHER INFORMATION: DOPA  
 280 <400> SEQUENCE: 11

W--&gt; 282 Gln Thr Gly Xaa Leu Pro Gly Xaa Lys

283 1 5

RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/10/509,401

DATE: 05/19/2005  
TIME: 10:05:10

Input Set : A:\10509401.txt  
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; Xaa Pos. 4,6 ✓  
Seq#:2; Xaa Pos. 6,7,9 ✓  
Seq#:3; Xaa Pos. 3,7 ✓  
Seq#:4; Xaa Pos. 3 ✓  
Seq#:5; Xaa Pos. 3 ✓  
Seq#:6; Xaa Pos. 6,10 ✓  
Seq#:7; Xaa Pos. 2 ✓  
Seq#:8; Xaa Pos. 3,7 ✓  
Seq#:9; Xaa Pos. 4,8 ✓  
Seq#:10; Xaa Pos. 4 ✓  
Seq#:11; Xaa Pos. 4,8 ✓

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete, per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,3,4,5,6,7,8,9,10,11

## VERIFICATION SUMMARY

DATE: 05/19/2005

PATENT APPLICATION: US/10/509,401

TIME: 10:05:10

Input Set : A:\10509401.txt

Output Set: N:\CRF4\05182005\J509401.raw

L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:47 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0  
L:77 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0  
L:102 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0  
L:122 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0  
L:142 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0  
L:167 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:0  
L:187 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:0  
L:212 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:0  
L:237 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:0  
L:257 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:0  
L:282 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:0